

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060120\
 Data File : BF120462.D
 Acq On : 1 Jun 2020 11:17
 Operator : JU/CG
 Sample : PB129165BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB129165BL

Quant Time: Jun 01 12:00:50 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 29 12:39:43 2020
 Response via : Initial Calibration

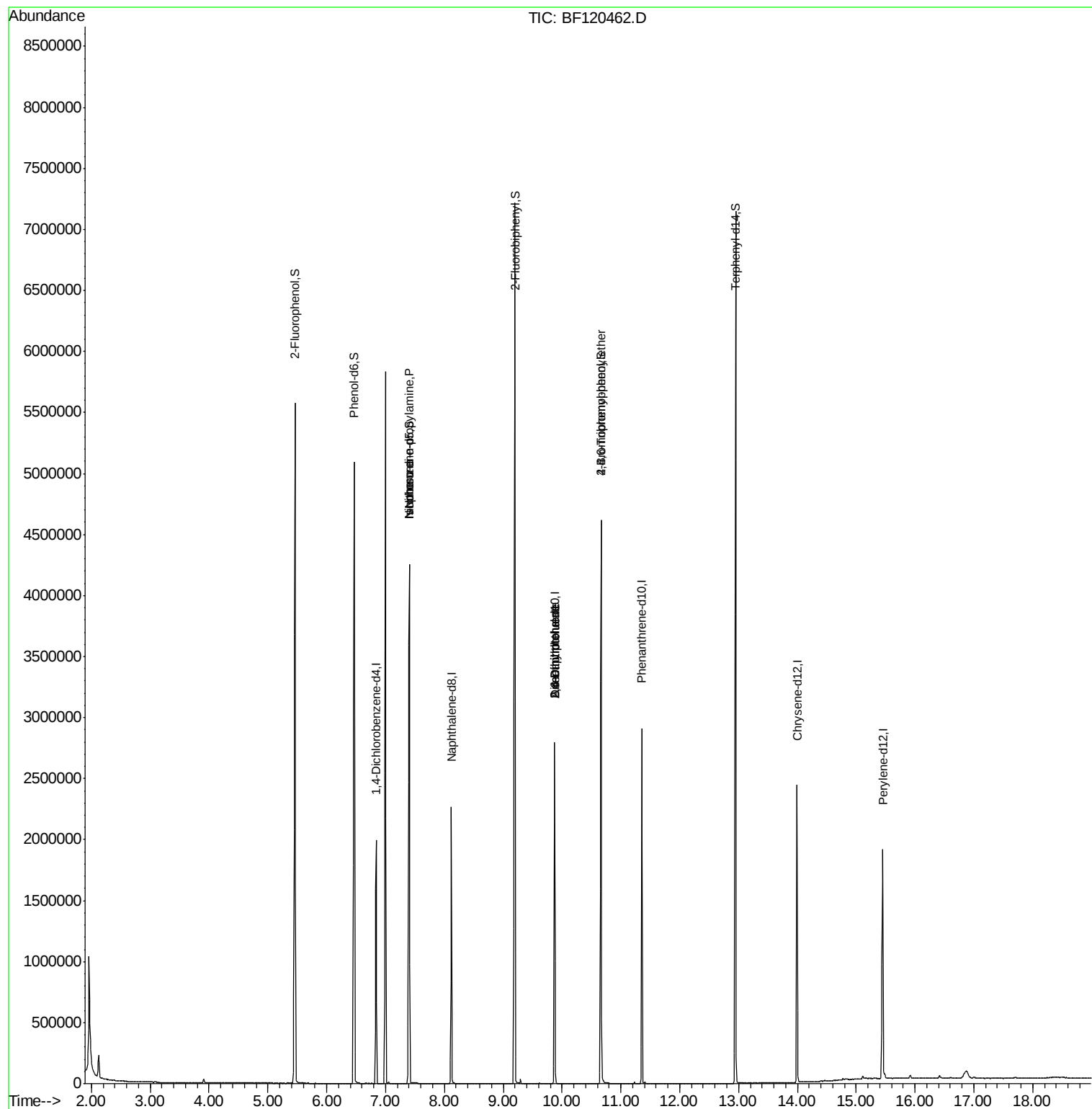
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	295691	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1084077	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	555832	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	1058174	20.00	ng	0.00
76) Chrysene-d12	14.00	240	889824	20.00	ng	0.00
86) Perylene-d12	15.45	264	881879	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1933850	124.64	ng	0.01
7) Phenol-d6	6.47	99	2479286	129.64	ng	0.00
23) Nitrobenzene-d5	7.40	82	1591344	96.02	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	738950	143.48	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	2713197	82.82	ng	0.00
79) Terphenyl-d14	12.95	244	3221450	80.56	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	215353	17.715	ng	# 77
25) Isophorone	7.40	82	1577848	47.370	ng	# 64
50) Dimethylphthalate	9.87	163	123429	3.552	ng	# 1
51) 2,6-Dinitrotoluene	9.87	165	71549	9.265	ng	# 23
57) 2,4-Dinitrotoluene	9.87	165	71549	7.239	ng	# 23
67) 4-Bromophenyl-phenylether	10.66	248	43873	4.107	ng	# 1

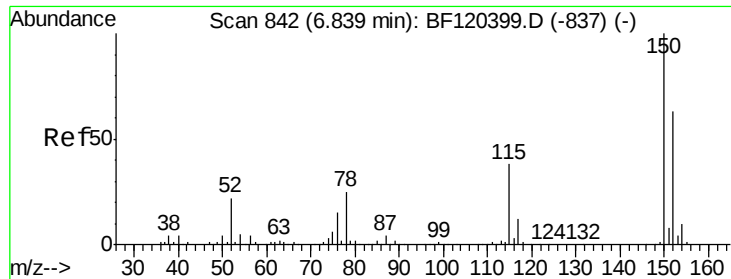
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060120\
Data File : BF120462.D
Acq On : 1 Jun 2020 11:17
Operator : JU/CG
Sample : PB129165BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB129165BL

Quant Time: Jun 01 12:00:50 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 29 12:39:43 2020
Response via : Initial Calibration



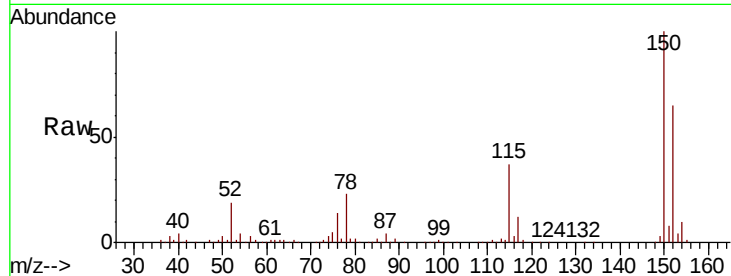


#1

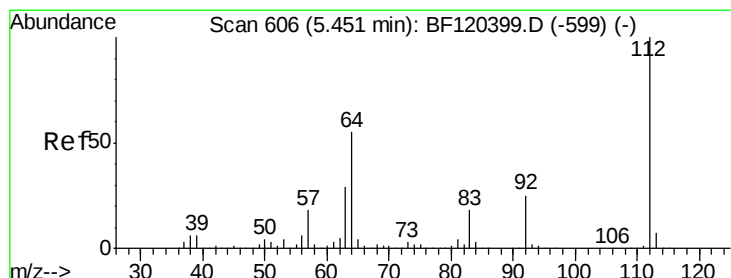
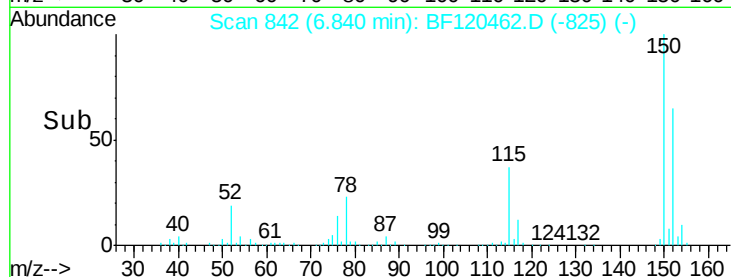
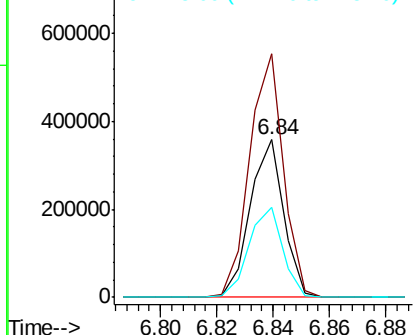
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 842
Delta R.T. 0.00 min
Lab File: BF120462.D
Acq: 1 Jun 2020 11:17

Instrument :
BNA_F
ClientSampleId :
PB129165BL

Tot Ion:152 Resp: 295691
Ion Ratio Lower Upper
152 100
150 154.6 126.5 189.7
115 57.0 47.6 71.4



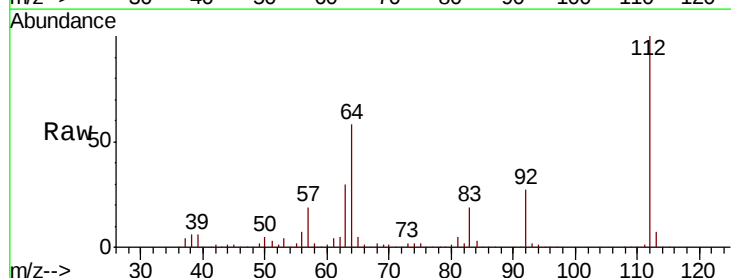
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



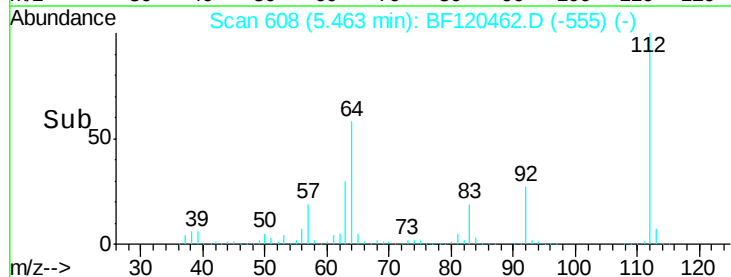
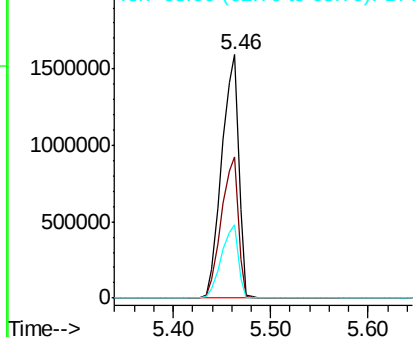
#5

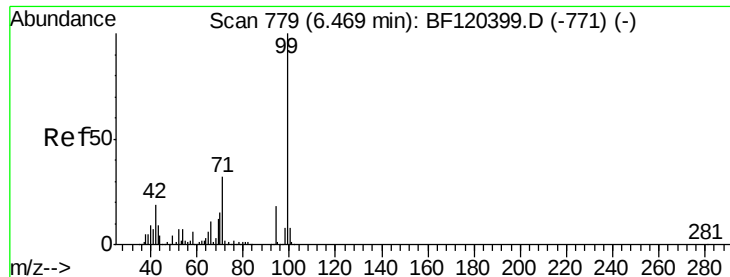
2-Fluorophenol
Concen: 124.638 ng
RT: 5.46 min Scan# 608
Delta R.T. 0.01 min
Lab File: BF120462.D
Acq: 1 Jun 2020 11:17

Tgt Ion:112 Resp: 1933850
Ion Ratio Lower Upper
112 100
64 58.0 44.3 66.5
63 30.2 22.9 34.3



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 129.641 ng

RT: 6.47 min Scan# 779

Delta R.T. 0.00 min

Lab File: BF120462.D

Acq: 1 Jun 2020 11:17

Instrument :

BNA_F

ClientSampleId :

PB129165BL

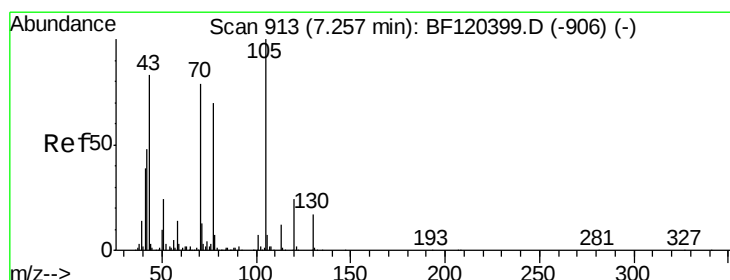
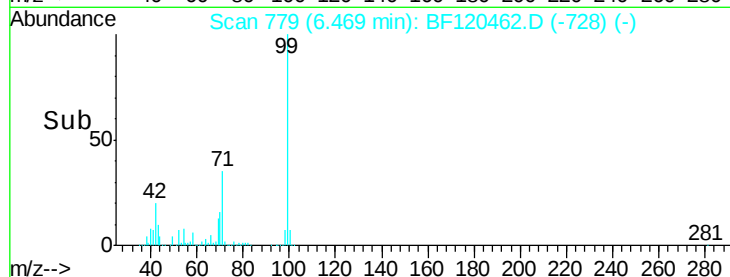
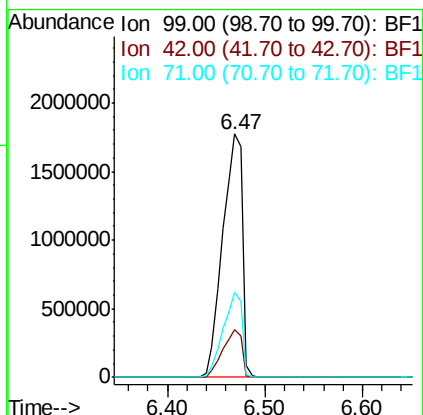
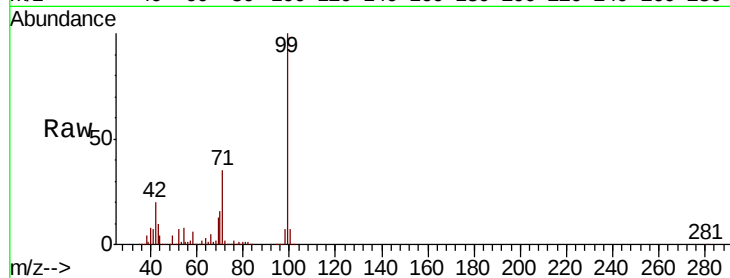
Tot Ion: 99 Resp: 2479286

Ion Ratio Lower Upper

99 100

42 19.9 15.2 22.8

71 34.9 25.6 38.4



#19

n-Nitroso-di-n-propylamine

Concen: 17.715 ng

RT: 7.40 min Scan# 938

Delta R.T. 0.15 min

Lab File: BF120462.D

Acq: 1 Jun 2020 11:17

Tgt Ion: 70 Resp: 215353

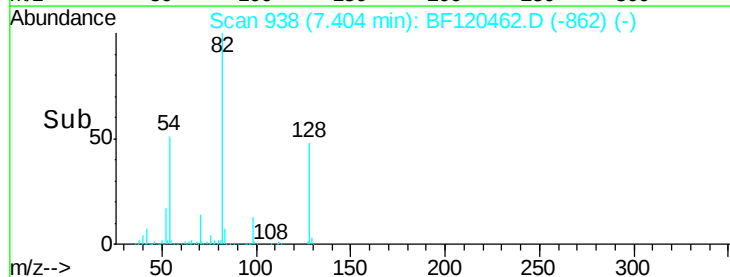
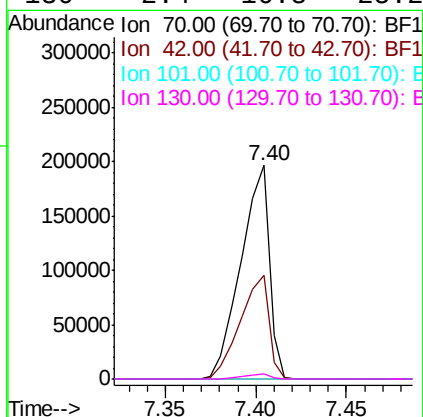
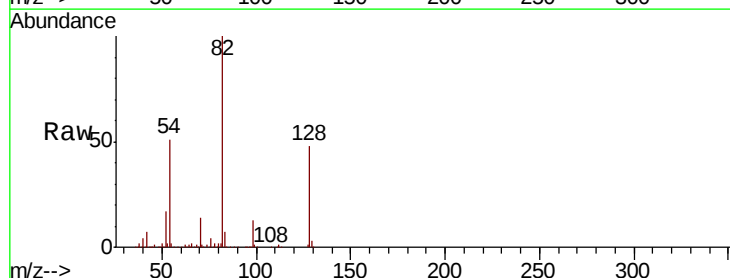
Ion Ratio Lower Upper

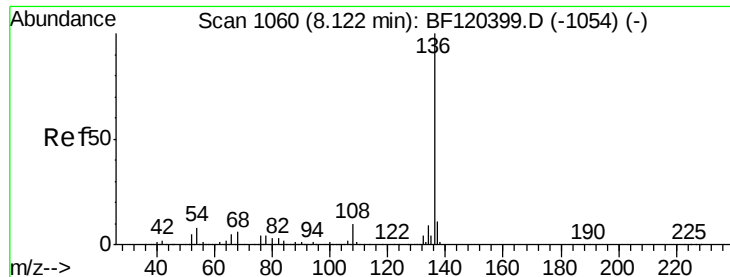
70 100

42 48.4 48.9 73.3#

101 0.0 7.4 11.2#

130 2.4 16.8 25.2#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1060

Delta R.T. 0.00 min

Lab File: BF120462.D

Acq: 1 Jun 2020 11:17

Instrument :

BNA_F

ClientSampleId :

PB129165BL

Tot Ion:136 Resp: 1084077

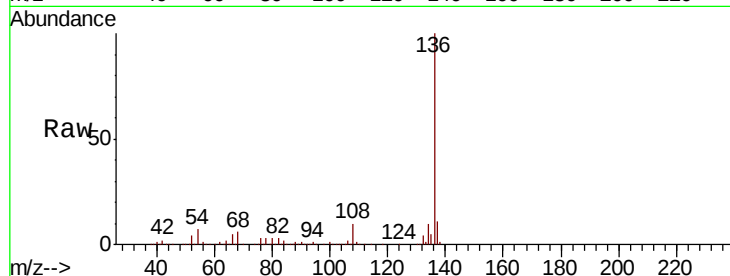
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 7.4 6.7 10.1

68 5.6 5.0 7.4

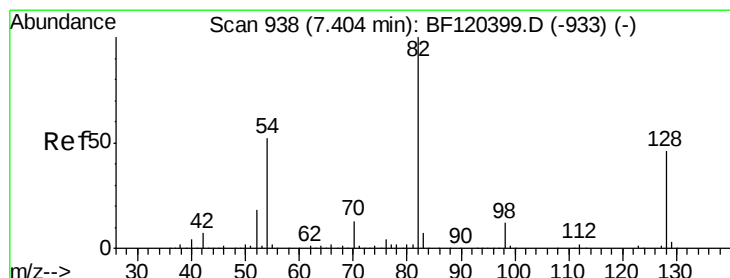
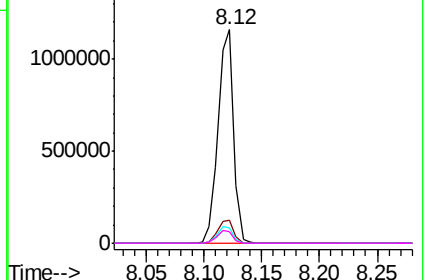
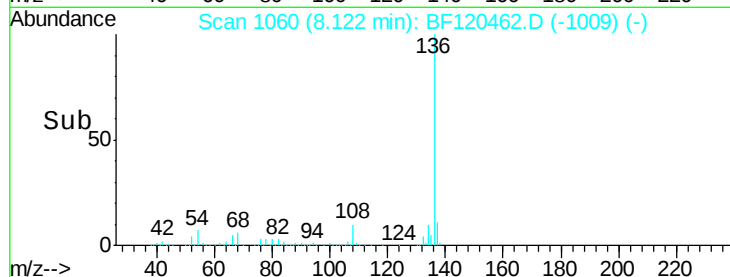


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 96.022 ng

RT: 7.40 min Scan# 938

Delta R.T. 0.00 min

Lab File: BF120462.D

Acq: 1 Jun 2020 11:17

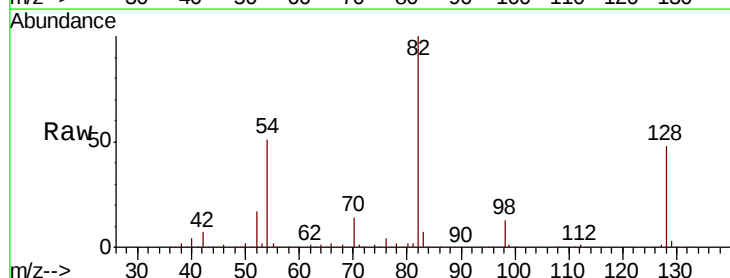
Tgt Ion: 82 Resp: 1591344

Ion Ratio Lower Upper

82 100

128 48.0 36.8 55.2

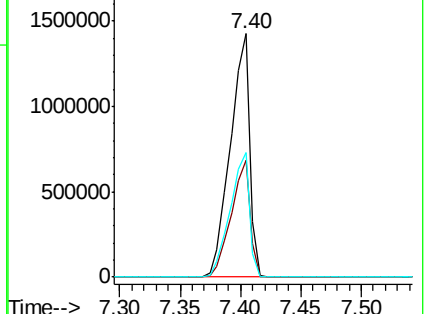
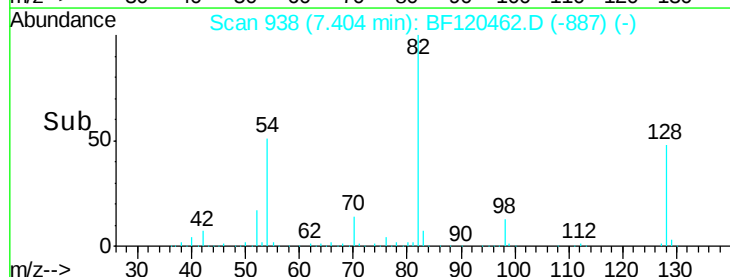
54 51.3 41.6 62.4

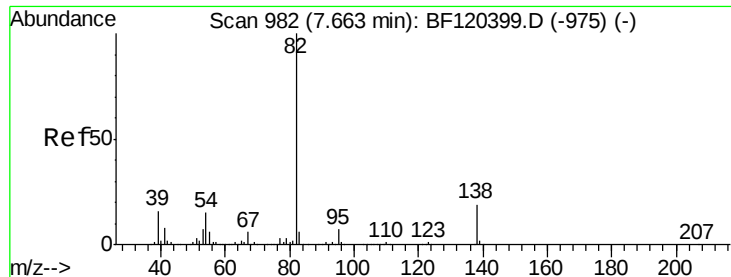


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 47.370 ng

RT: 7.40 min Scan# 938

Delta R.T. -0.26 min

Lab File: BF120462.D

Acq: 1 Jun 2020 11:17

Instrument :

BNA_F

ClientSampleId :

PB129165BL

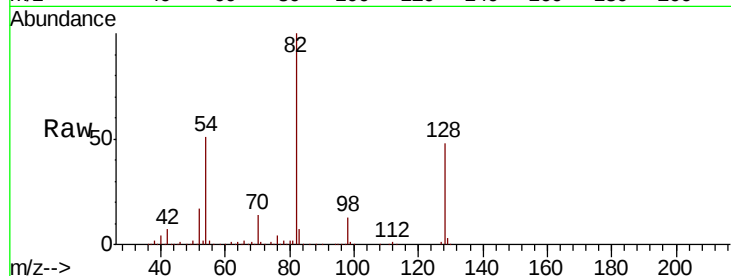
Tot Ion: 82 Resp: 1577848

Ion Ratio Lower Upper

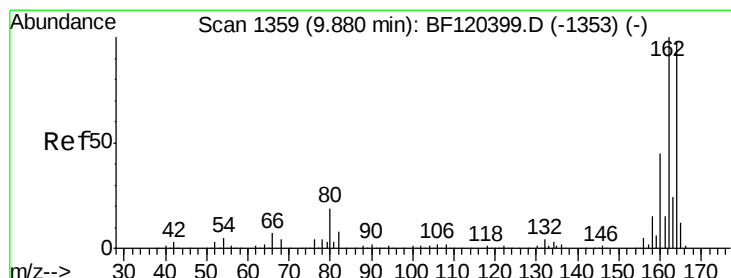
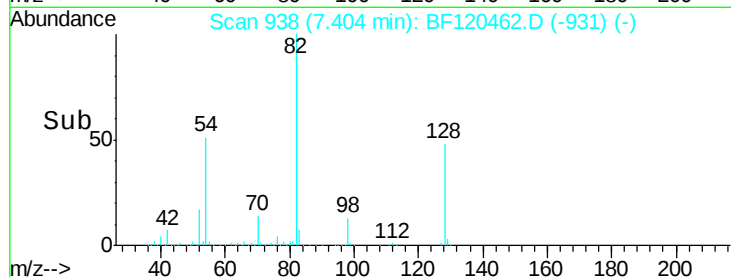
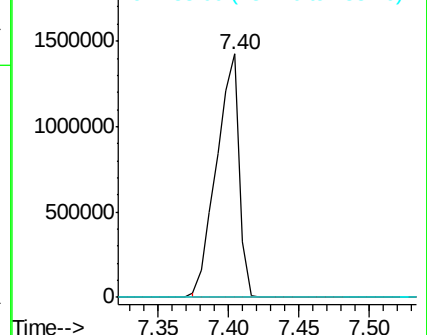
82 100

95 0.0 5.6 8.4#

138 0.0 15.0 22.4#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.87 min Scan# 1358

Delta R.T. 0.00 min

Lab File: BF120462.D

Acq: 1 Jun 2020 11:17

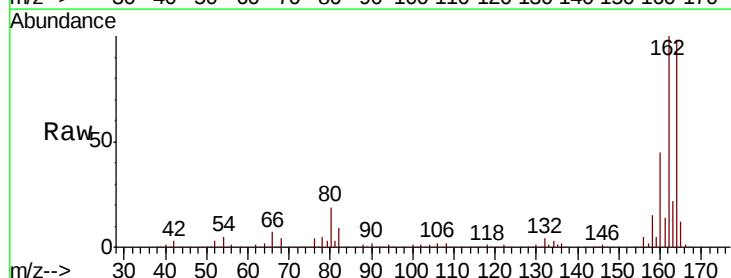
Tgt Ion:164 Resp: 555832

Ion Ratio Lower Upper

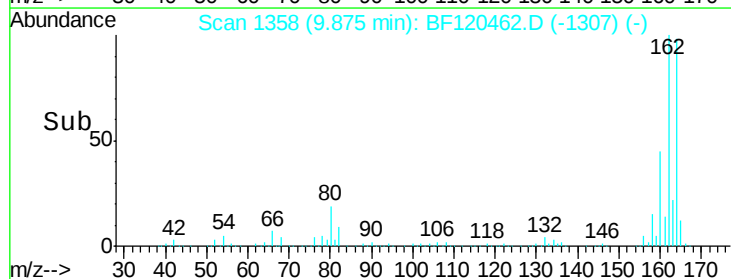
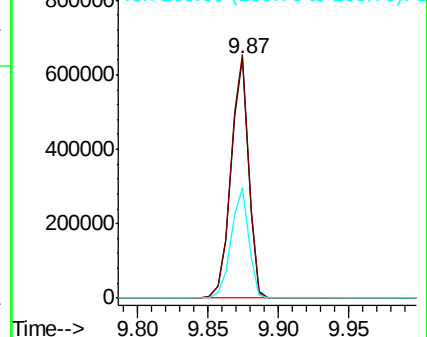
164 100

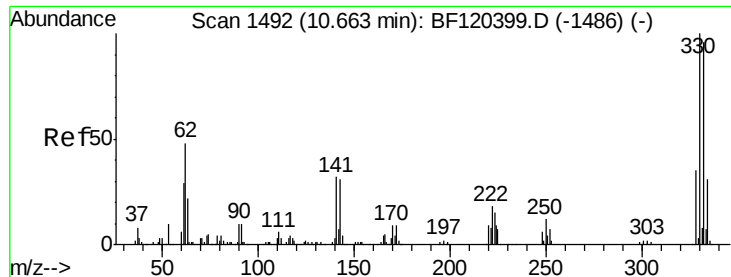
162 101.6 81.3 121.9

160 46.2 36.9 55.3



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

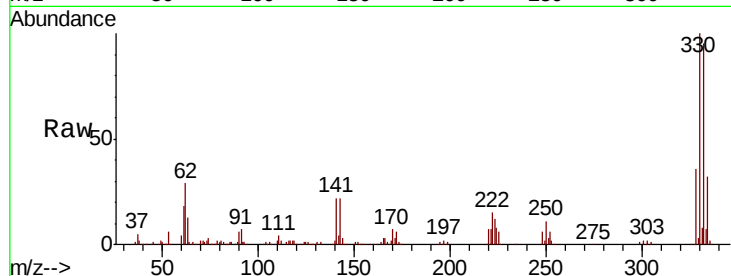




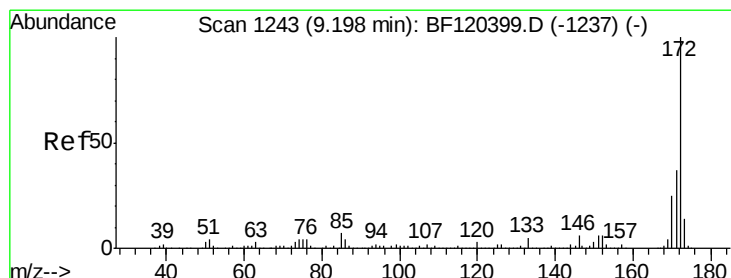
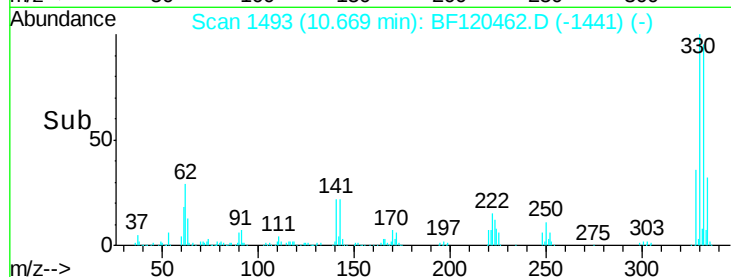
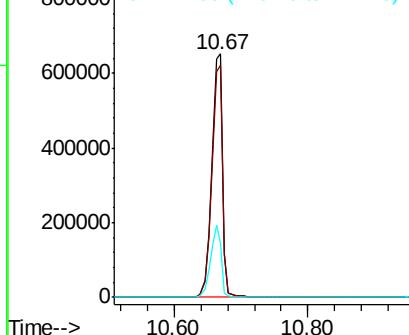
#42
 2,4,6-Tribromophenol
 Concen: 143.485 ng
 RT: 10.67 min Scan# 1493
 Delta R.T. 0.01 min
 Lab File: BF120462.D
 Acq: 1 Jun 2020 11:17

Instrument :
 BNA_F
 ClientSampleId :
 PB129165BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.8	77.0	115.6
141	28.9	25.3	37.9

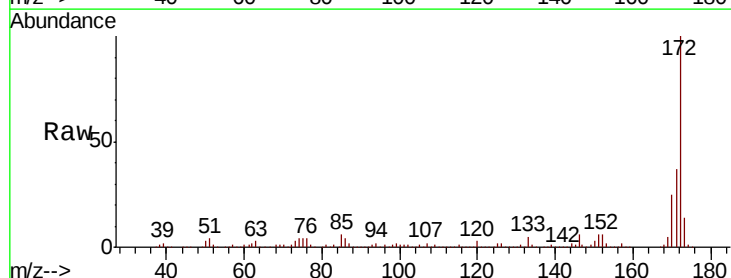


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

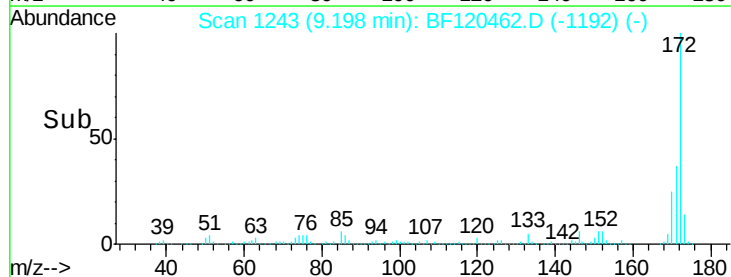
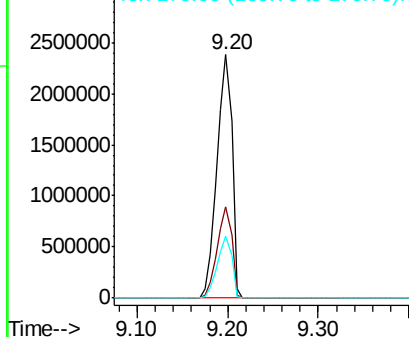


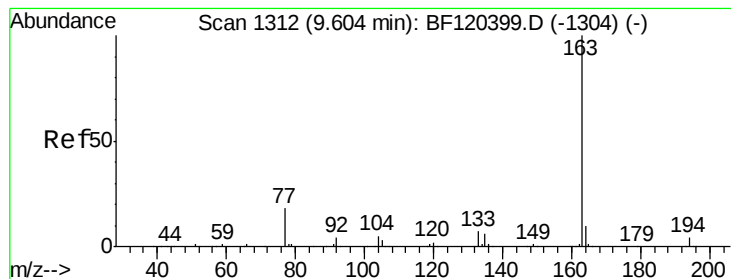
#45
 2-Fluorobiphenyl
 Concen: 82.821 ng
 RT: 9.20 min Scan# 1243
 Delta R.T. 0.00 min
 Lab File: BF120462.D
 Acq: 1 Jun 2020 11:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	29.7	44.5
170	25.3	19.9	29.9



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 3.552 ng

RT: 9.87 min Scan# 1358

Delta R.T. 0.27 min

Lab File: BF120462.D

Acq: 1 Jun 2020 11:17

Instrument :

BNA_F

ClientSampleId :

PB129165BL

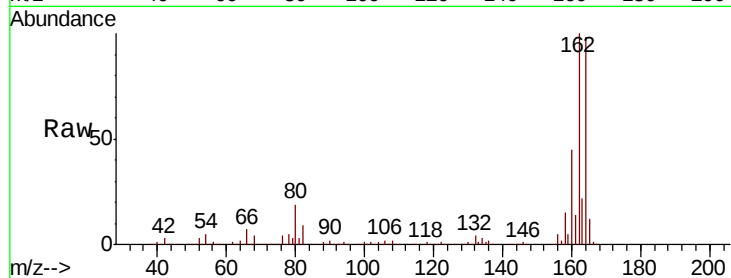
Tot Ion:163 Resp: 123429

Ion Ratio Lower Upper

163 100

194 0.0 3.3 4.9#

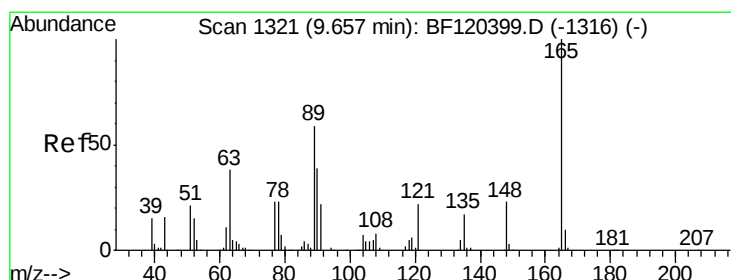
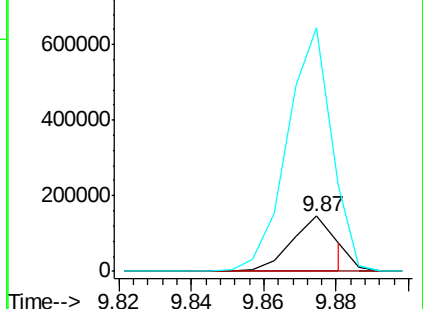
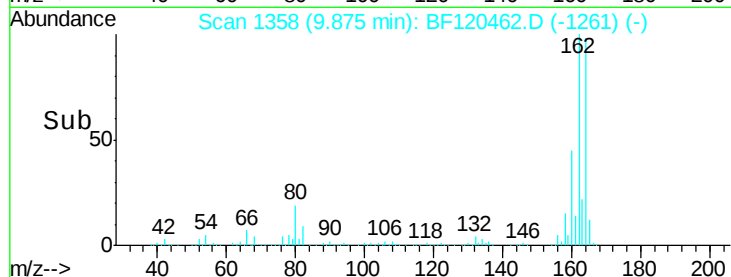
164 441.3 8.3 12.5#



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#51

2,6-Dinitrotoluene

Concen: 9.265 ng

RT: 9.87 min Scan# 1358

Delta R.T. 0.21 min

Lab File: BF120462.D

Acq: 1 Jun 2020 11:17

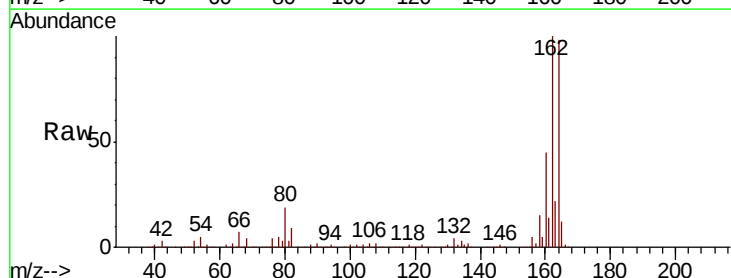
Tgt Ion:165 Resp: 71549

Ion Ratio Lower Upper

165 100

63 1.3 46.9 70.3#

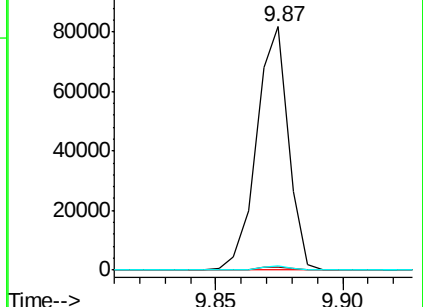
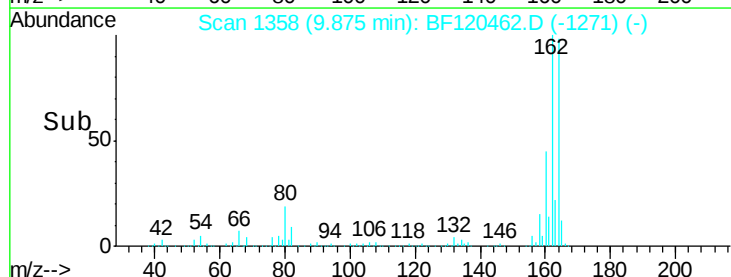
89 1.6 47.5 71.3#

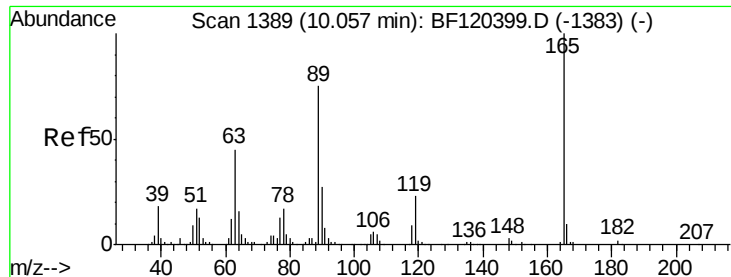


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

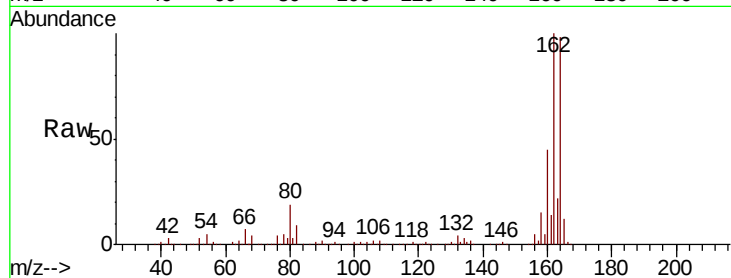




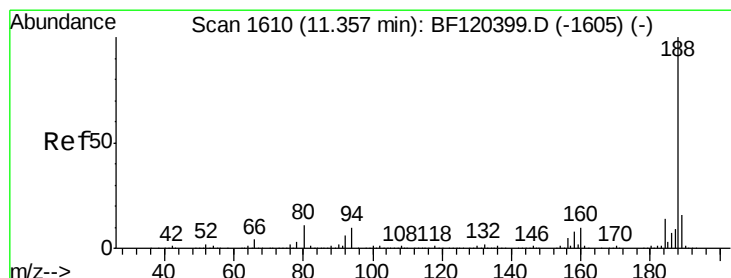
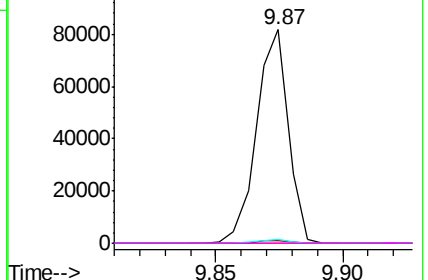
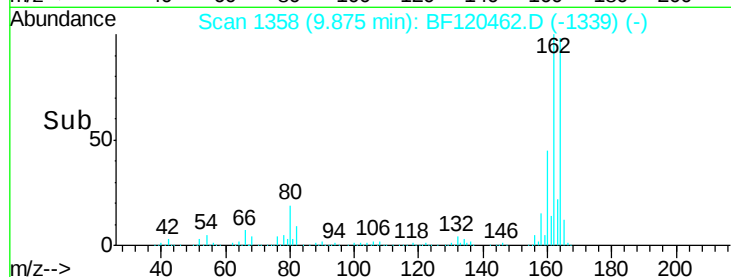
#57
 2,4-Dinitrotoluene
 Concen: 7.239 ng
 RT: 9.87 min Scan# 1358
 Delta R.T. -0.19 min
 Lab File: BF120462.D
 Acq: 1 Jun 2020 11:17

Instrument :
 BNA_F
 ClientSampleId :
 PB129165BL

Tot Ion:165 Resp: 71549
 Ion Ratio Lower Upper
 165 100
 63 1.3 35.9 53.9#
 89 1.6 60.0 90.0#
 182 0.0 2.0 3.0#

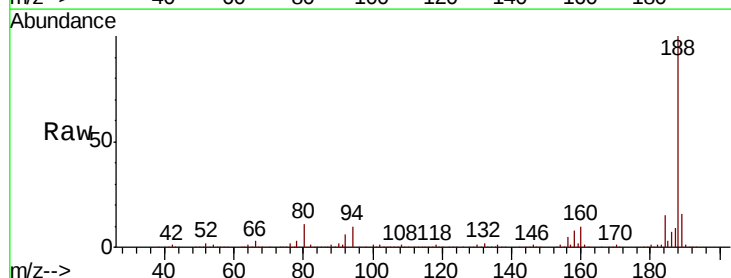


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

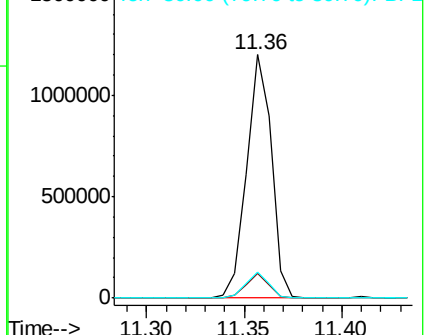
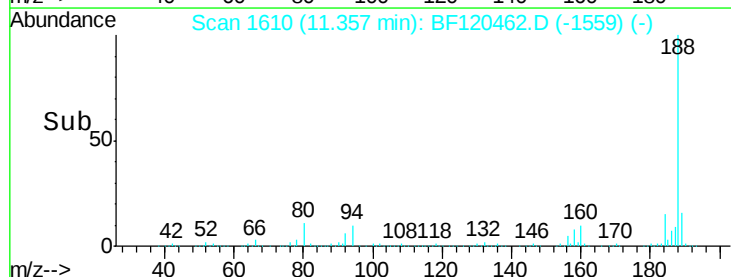


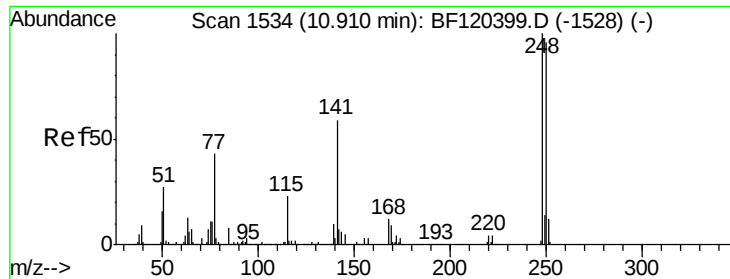
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.36 min Scan# 1610
 Delta R.T. 0.00 min
 Lab File: BF120462.D
 Acq: 1 Jun 2020 11:17

Tgt Ion:188 Resp: 1058174
 Ion Ratio Lower Upper
 188 100
 94 9.9 7.9 11.9
 80 10.6 8.6 13.0



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

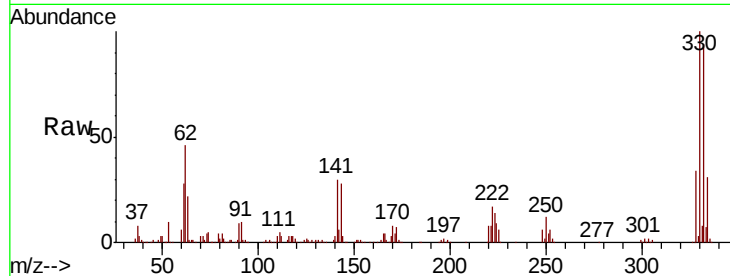




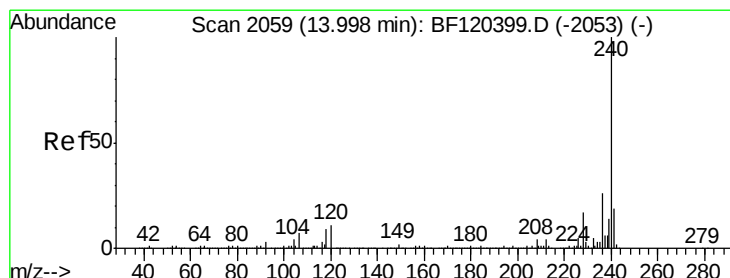
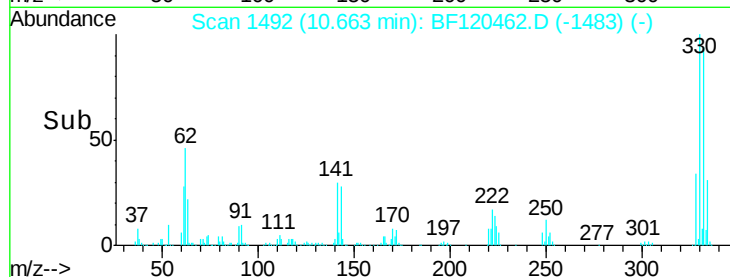
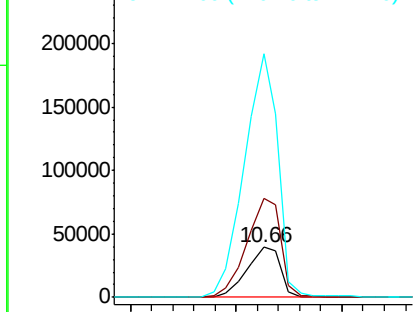
#67
 4-Bromophenyl-phenylether
 Concen: 4.107 ng
 RT: 10.66 min Scan# 1492
 Delta R.T. -0.25 min
 Lab File: BF120462.D
 Acq: 1 Jun 2020 11:17

Instrument :
 BNA_F
 ClientSampleId :
 PB129165BL

Tot Ion:248 Resp: 43873
 Ion Ratio Lower Upper
 248 100
 250 198.1 76.5 114.7#
 141 484.7 47.2 70.8#

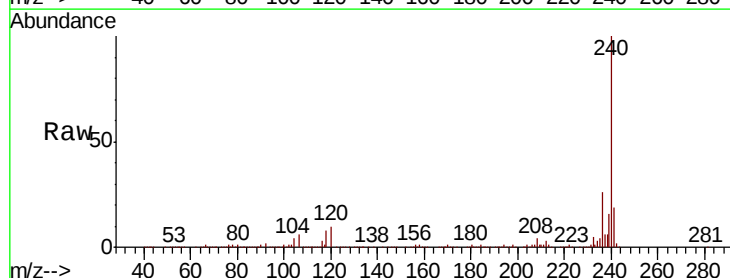


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

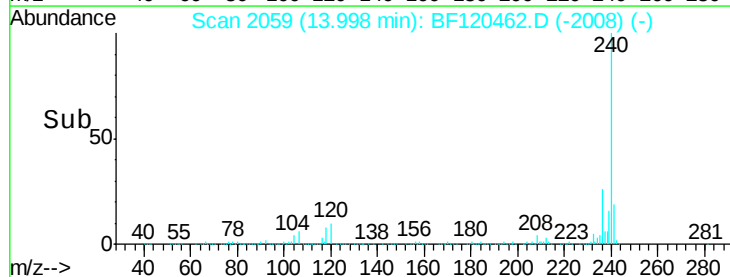
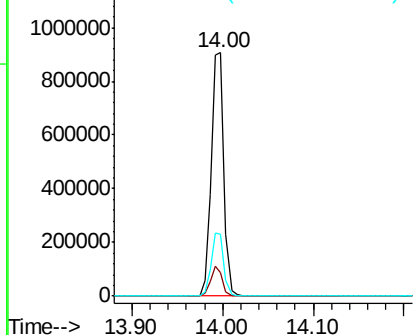


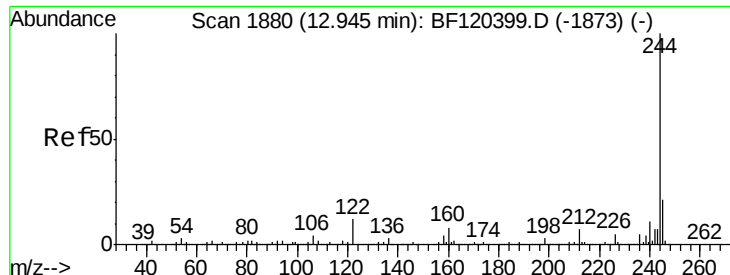
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2059
 Delta R.T. 0.00 min
 Lab File: BF120462.D
 Acq: 1 Jun 2020 11:17

Tgt Ion:240 Resp: 889824
 Ion Ratio Lower Upper
 240 100
 120 9.6 8.8 13.2
 236 25.5 21.0 31.4



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 80.561 ng

RT: 12.95 min Scan# 1881

Delta R.T. 0.01 min

Lab File: BF120462.D

Acq: 1 Jun 2020 11:17

Instrument :

BNA_F

ClientSampleId :

PB129165BL

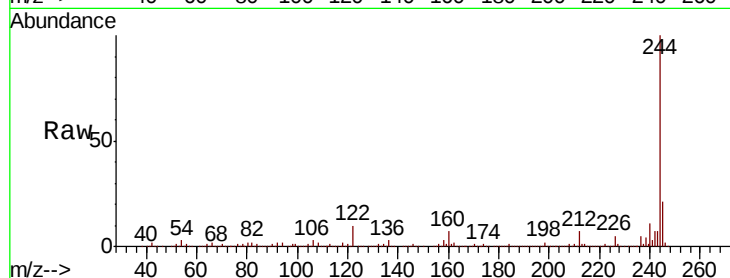
Tot Ion:244 Resp: 3221450

Ion Ratio Lower Upper

244 100

212 7.4 5.9 8.9

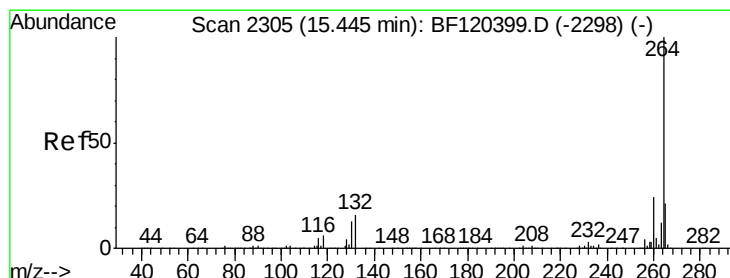
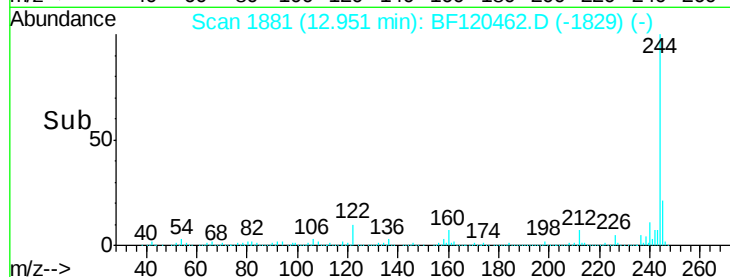
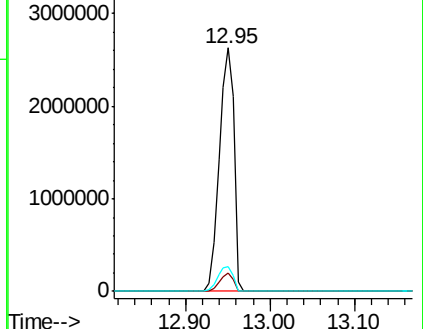
122 10.4 9.2 13.8



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.45 min Scan# 2306

Delta R.T. 0.00 min

Lab File: BF120462.D

Acq: 1 Jun 2020 11:17

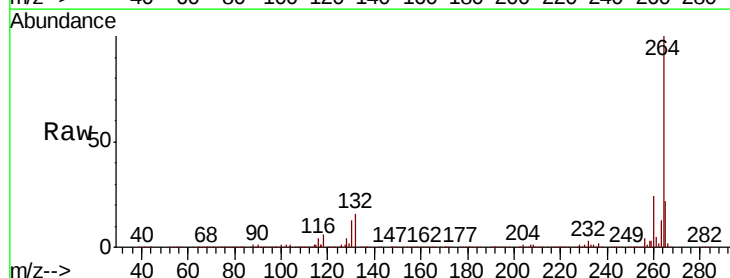
Tgt Ion:264 Resp: 881879

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 21.7 16.9 25.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

